Amendments to the Claims:

Please cancel claims 1-8. Following is a complete listing of the claims pending in the application, as amended:

1.-8. (Cancelled)

9. (Previously presented) A method of detecting a silent frame at a mobile station in a GSM transmission comprising:

(a) receiving a data burst intended for said mobile station;

(b) determining a signal-to-interference-and-noise ratio (SINR) for said data burst as:

$$SINR = \frac{SLa}{NLa} = \frac{\frac{1}{148}\sum_{k=1}^{148}|y(k)|^2}{\frac{1}{148}\sum_{k=1}^{148}|n(k)|^2}$$

; and

(c) outputting a silent frame indication signal (SI) determined by

$$SI = \begin{cases} 1, & if \quad SINR < T \\ 0, & if \quad SINR \geq T \end{cases}$$

where if SI is 1, then identifying said data burst as from a silent frame.

10. (Original) The method of Claim 9, wherein if SI is 0, then identifying said data burst as a useful frame.